

Decision Support Briefing

Southeast River Forecast Center



Decision Support Briefing



Issued: 11:12 AM ET Saturday, February 11,
2023



Weather Ready Nation



NWSSERFC



@NWSSERFC



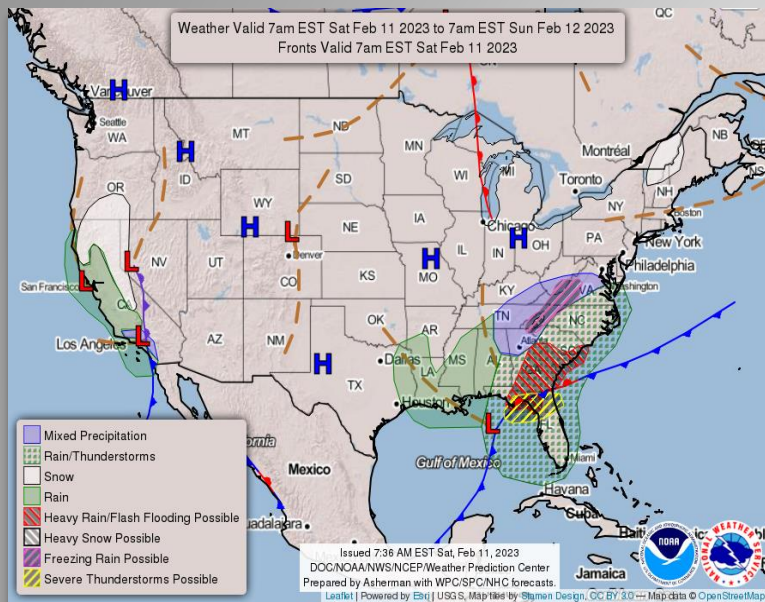
- **Heavy rain moving into the southeast US is expected to produce bankfull and minor river flood rises across the SERFC area...a few possibly reaching moderate flood stage.**
- **The river forecasts issued this morning from the SERFC include all of the rainfall expected through the weekend.**
- **With a short break in the rain beginning Monday, rain moves back into the area late Tuesday.**
- **Please check back often for updates to forecasts that could impact communities in your area.**

Latest Weather Condition

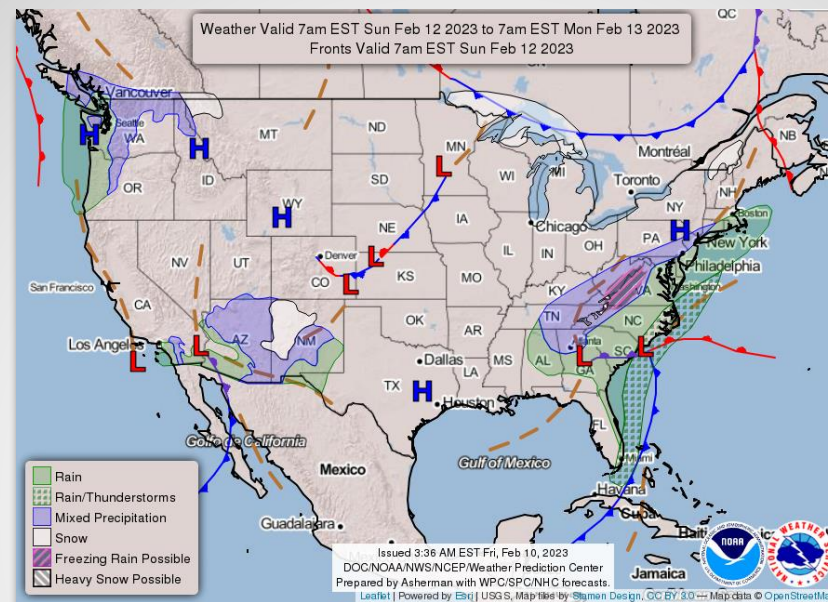
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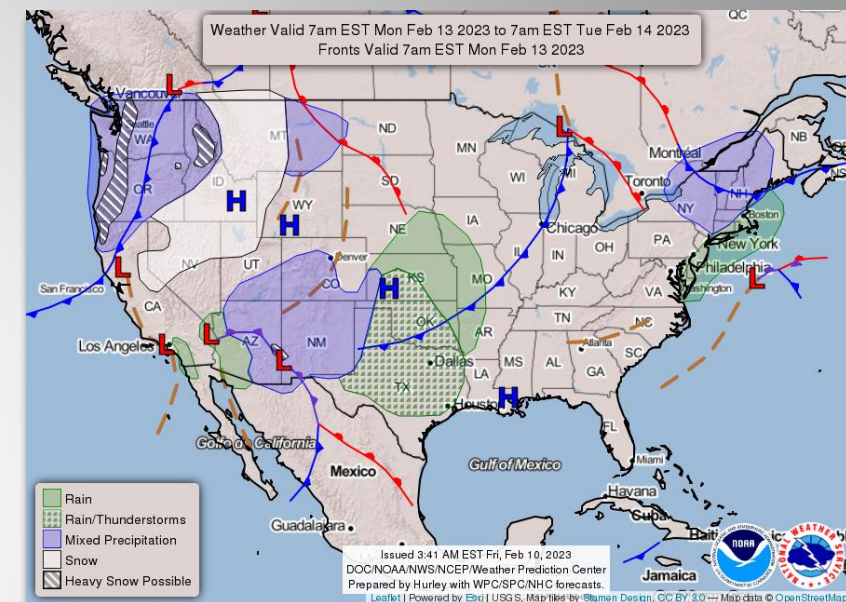
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Saturday



Sunday



Monday

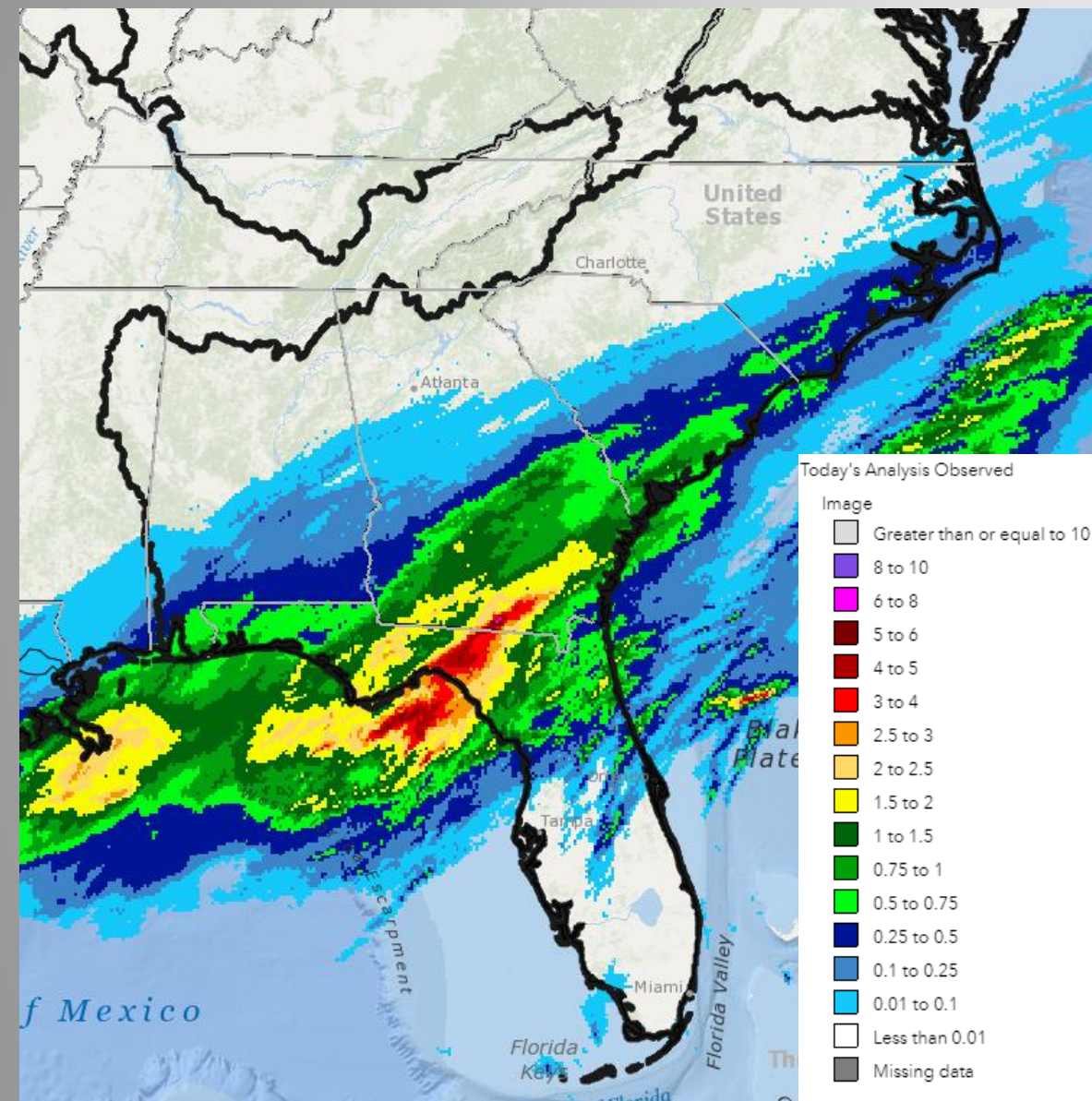
A complex weather system will linger over the southeast US bringing precipitation to the area for rest of the weekend. Due to the slow movement of this weather system, it increases the potential for heavy rainfall. Monday will bring sunny skies and quiet weather as we watch the next system that will affect the area develop in the southwest U.S.

24 – Hour Precipitation

Ending at 7 am this morning

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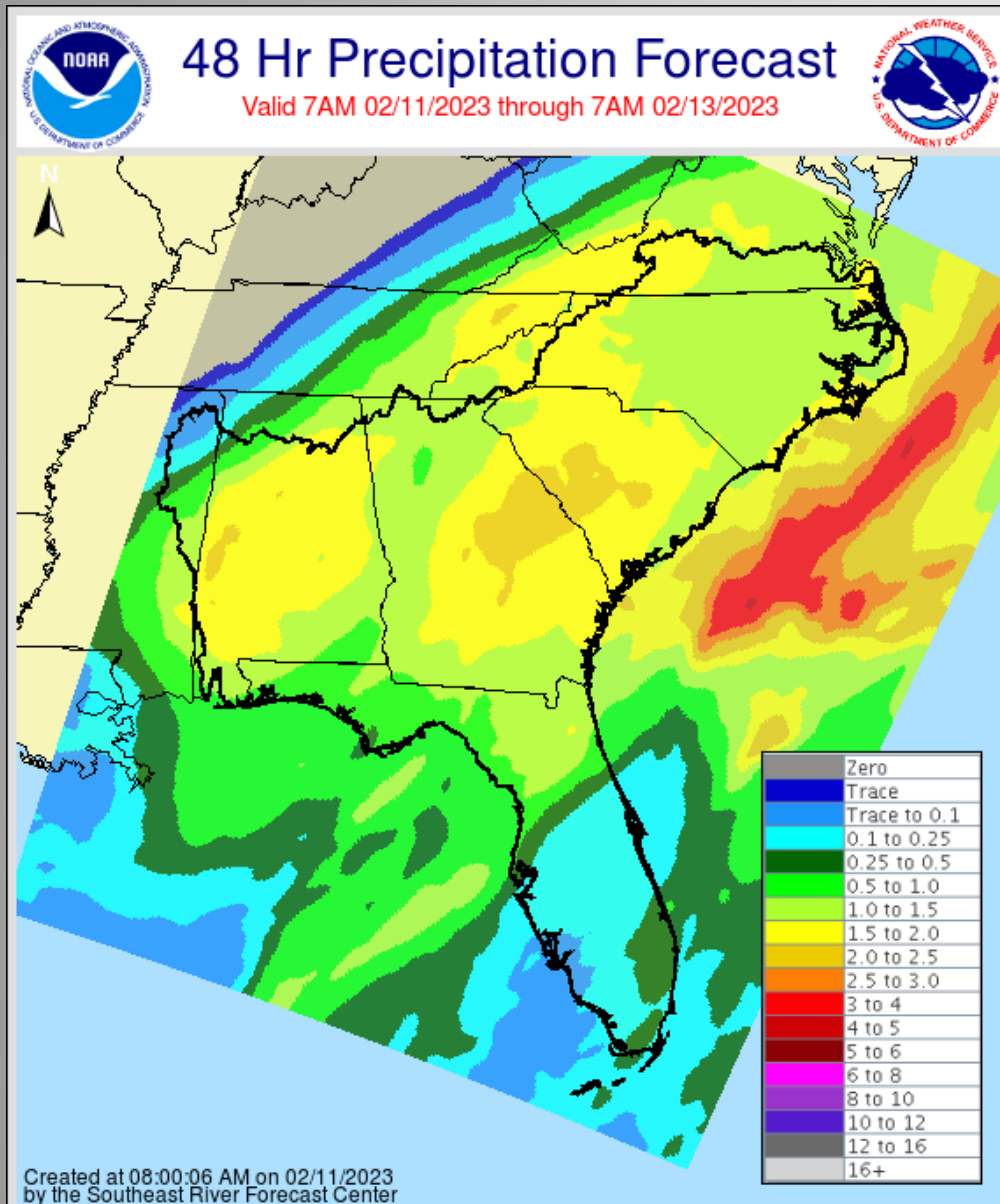


Rain continues as low pressure slowly slides across the SERFC area. As the low pressure system pushes out of the Gulf into the southeast U.S., the rain will follow that path. Highest rainfall has been from the Big Bend of Florida into south Georgia with some 5-6 inch totals.

48-hour Precipitation Forecast

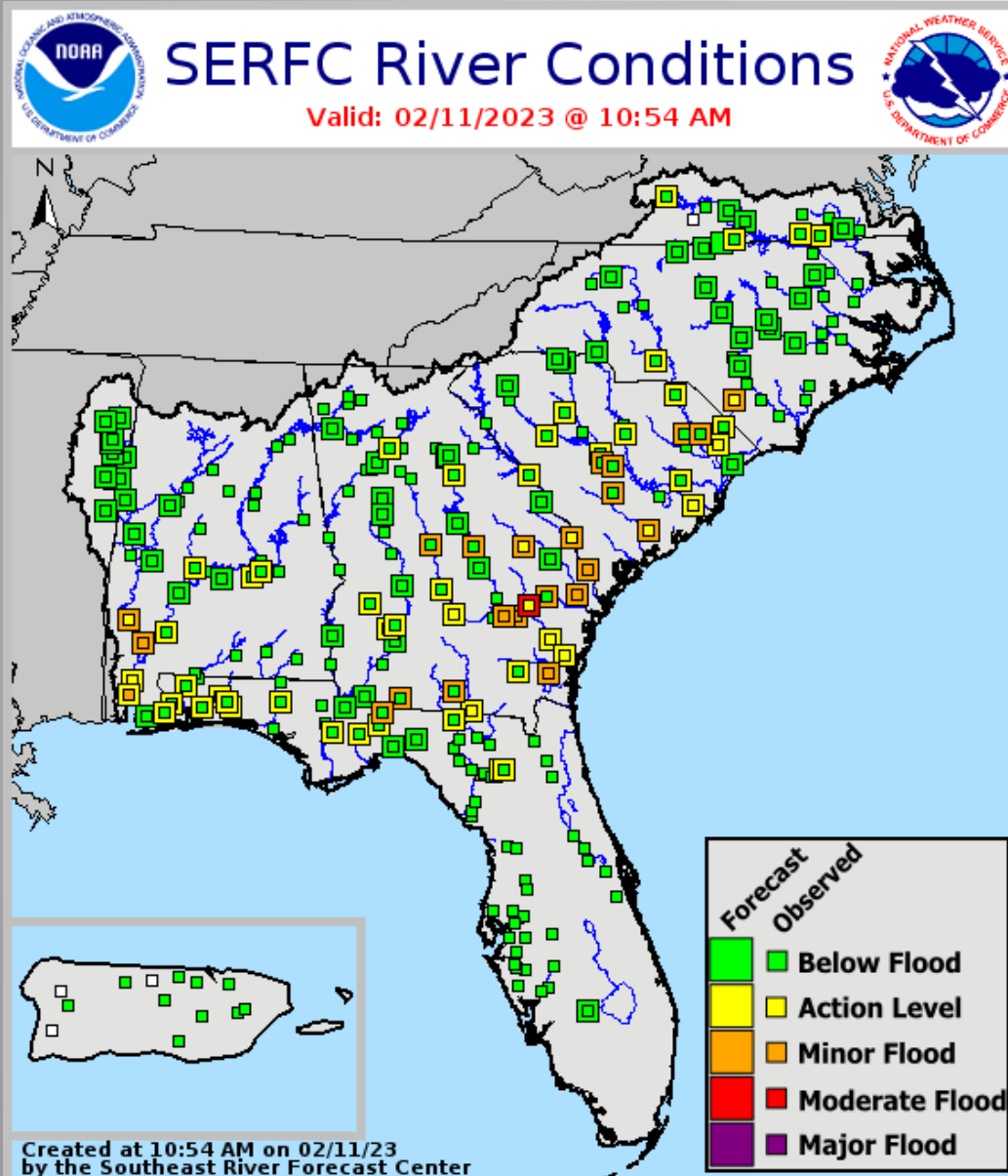
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Here is the 48-hour rainfall forecast that was included in our river models this morning.

The graphic on the following slide shows river forecasts that reflect both past rainfall and the forecasted rainfall shown here.



Here are the river forecasts issued this morning that include a 48-hour rainfall forecast.

Numerous bankfull and flood stage forecasts are indicated across much of the SERFC area. One river point in SE Georgia is still forecast to reach moderate flood stage.

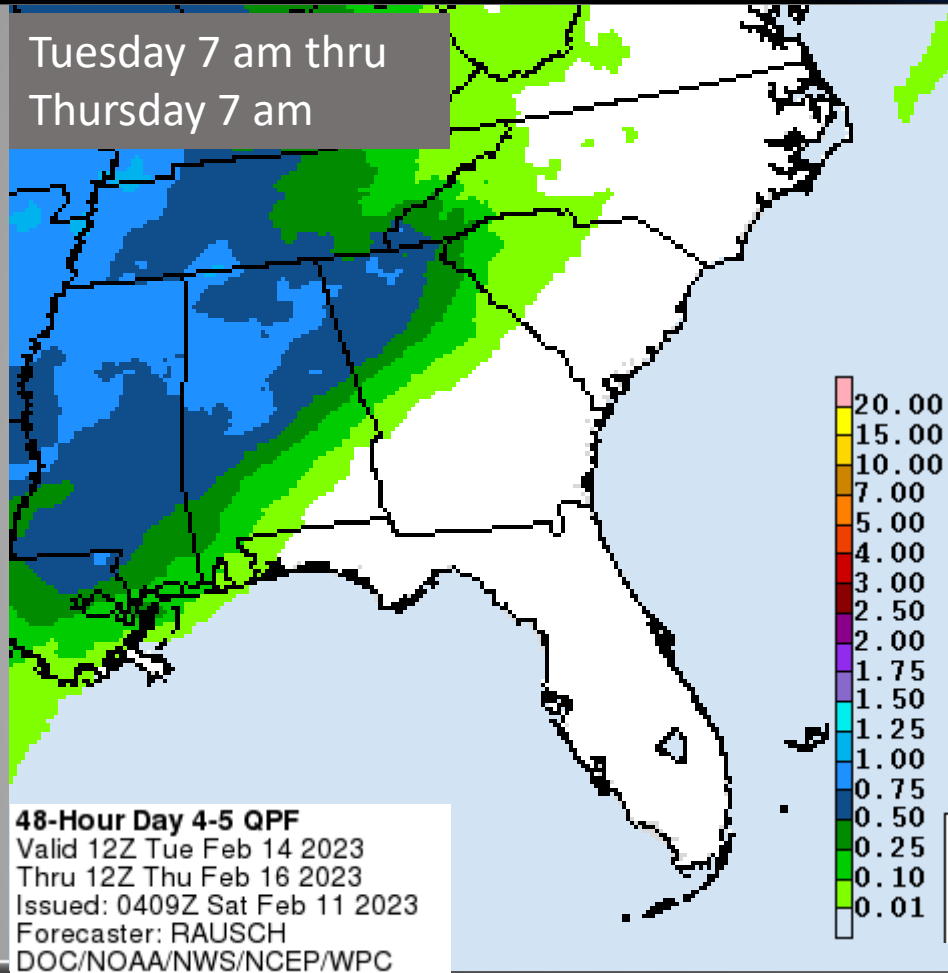
Days 4 thru 7 Precipitation Forecast

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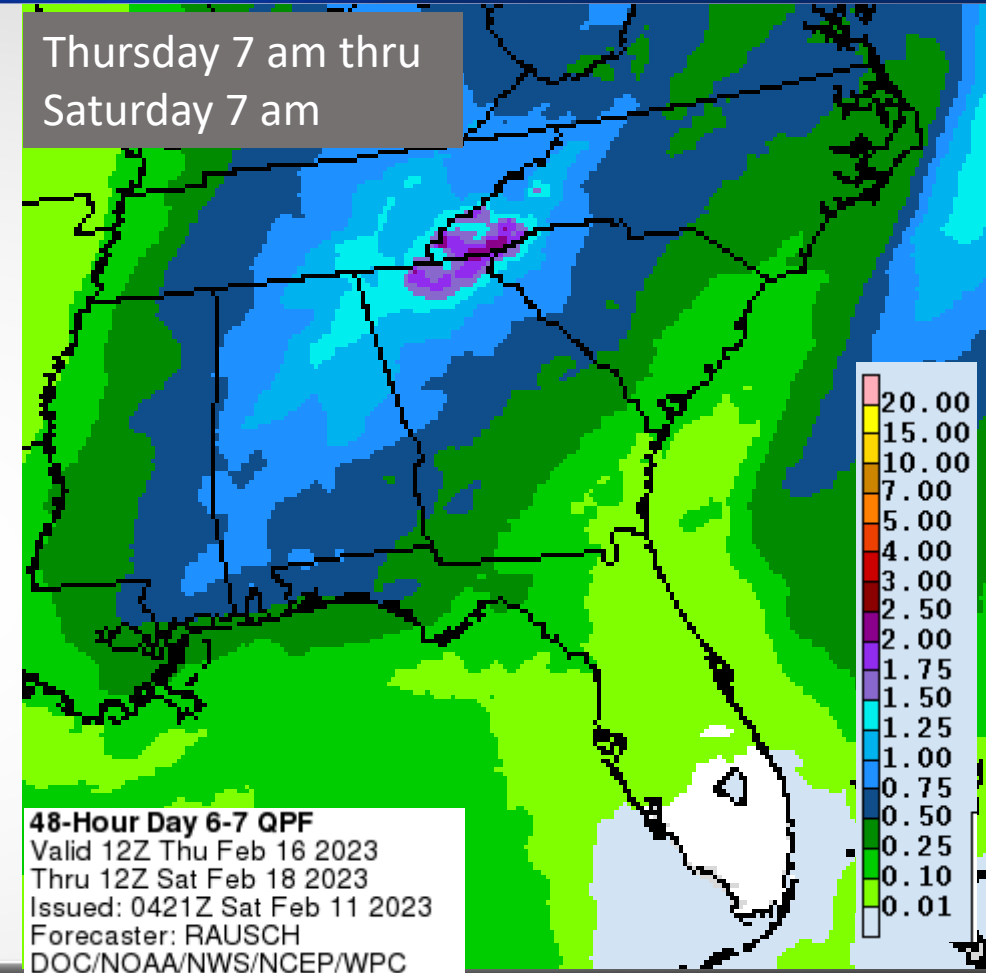
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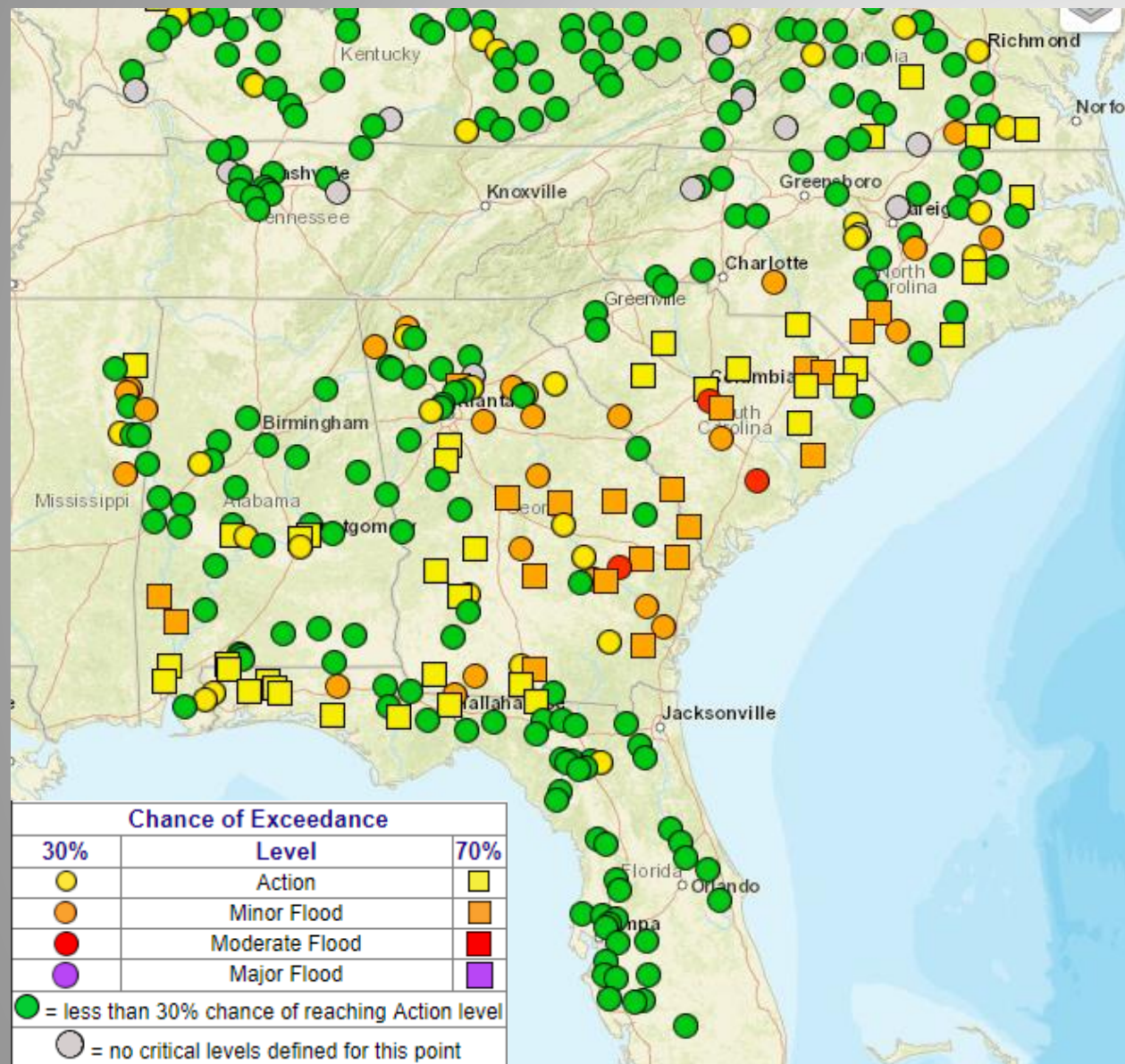
Tuesday 7 am thru
Thursday 7 am



Thursday 7 am thru
Saturday 7 am



All of this weekend's event is included in the previous forecasted rainfall graphic. With an early week break from the rain, Tuesday will usher in the next round of precipitation that will affect the area. MMEFS on the next slide reflects the flood potential and includes the whole 7 days of rainfall.



The Meteorological Model Ensemble Forecast System (MMEFS), to the left, is using the NAEFS model and addresses uncertainty in the longer lead rainfall forecast that helps to provide a confidence level for potential flooding. The NAEFS runs in our model every 12 hours.

Combining this weekend's rain and our forecast for later this week, there is potential for numerous flood stage rises throughout the southeast U.S. Monitor river forecasts throughout the week as conditions change.

To take a closer look, here is the link to more detailed information:

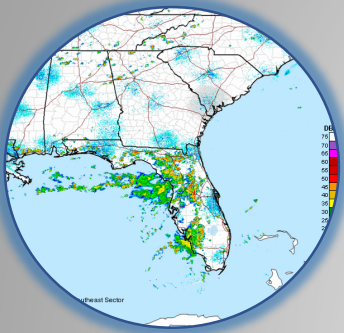
<https://www.weather.gov/erh/mmefts>



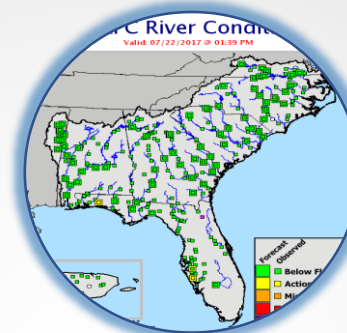
- SERFC is on 24 hour operations until further notice. Please contact us if you have any questions or concerns.
- The Daily Operational Support message will continue until further notice.

Latest River Stages and Forecasts
are available...click here!

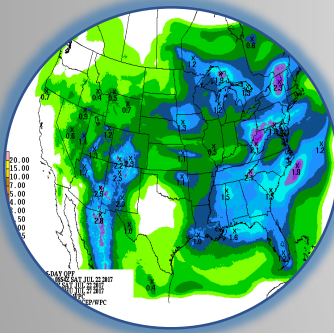
Please send all operational correspondence to
sr-alr.rivers@noaa.gov or call the office directly.



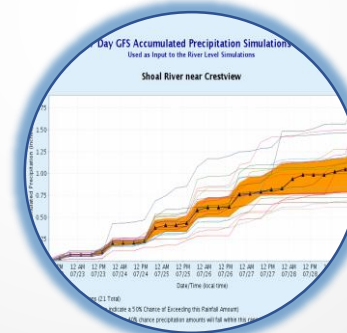
[Latest Radar](#)



[SERFC Quick Brief](#)



[Latest Forecast Rainfall](#)



[MMEFS – Ensemble River Forecasts](#)



- *The Decision Support Briefing will continue until further notice.*
- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email sr-alr.rivers@noaa.gov or contact your local NWS Weather Forecast Office.*
- *Remember: SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*